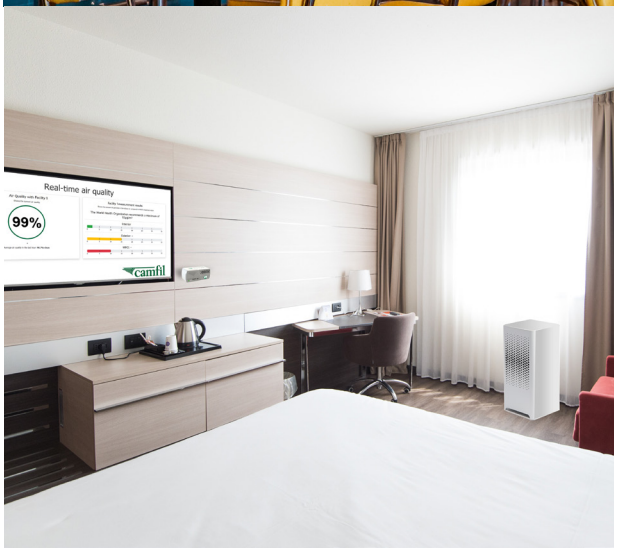
Air Image Sensor

Air Quality Sensors



Air Image Sensor is an intelligent sensor system built for Air Cleaners and is a Camfil patented technology for monitoring and controlling indoor air quality. It monitors, tracks, and reports indoor air quality as it measures thePM1*, PM2.5**, relative humidity (RH), and temperature in real-time. It provides a visual of the indoor air quality in any location or public facilities such as restaurants, hotels, and gyms and fitness centres.

Increased protection of people and machines

With the Air Image Sensor's intelligent system, it is easy to ensure that a location meets the recommended indoor air quality guidelines at all times. Thus ensuring people and assets are protected.

Saves energy and costs

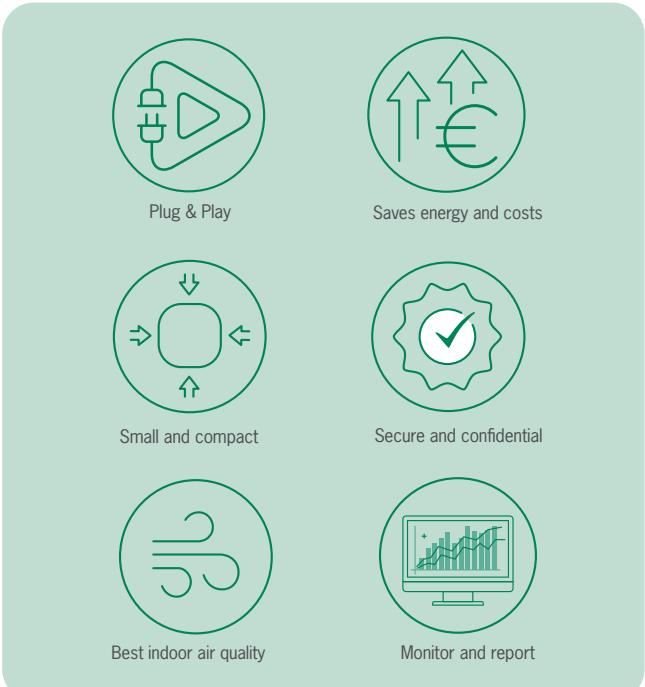
It provides detailed air quality reports that help manage energy usage, thus saving energy and costs. The report can be accessed via laptops, mobile telephones or television screens.

Features:

- Plug and play unit that easily allows it to be moved from area to area
- Secure online reporting tool - makes it easy to get air quality report with just a few clicks
- Patented system for tracking PM1 and PM2.5 particles
- Connectivity to all Camfil air cleaners
- World map with IAQ (indoor air quality) levels

*PM1 - airborne particles =/<1µm in diameter, including dust, combustion particles such as diesel fumes, bacteria and viruses

**PM2.5 - airborne particles =/<2.5µm in diameter such as pollen, spores and other organic particles



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Examples of TV screen visual display of air quality measurements

Air quality measurements and readings taken by the Air Image Sensor can be displayed on any TV screen, via a simple mobile network connection. There are several ways to display the values and each one is easy to understand and provides quick and effective visualisation of the surrounding air quality. Useful in dentist waiting rooms, restaurants, cafes, hotels, gyms, schools and etc.

These various visual displays are ways a restaurant, gym, or any facilities or processes can choose to give an image or visualisation of their indoor air quality:

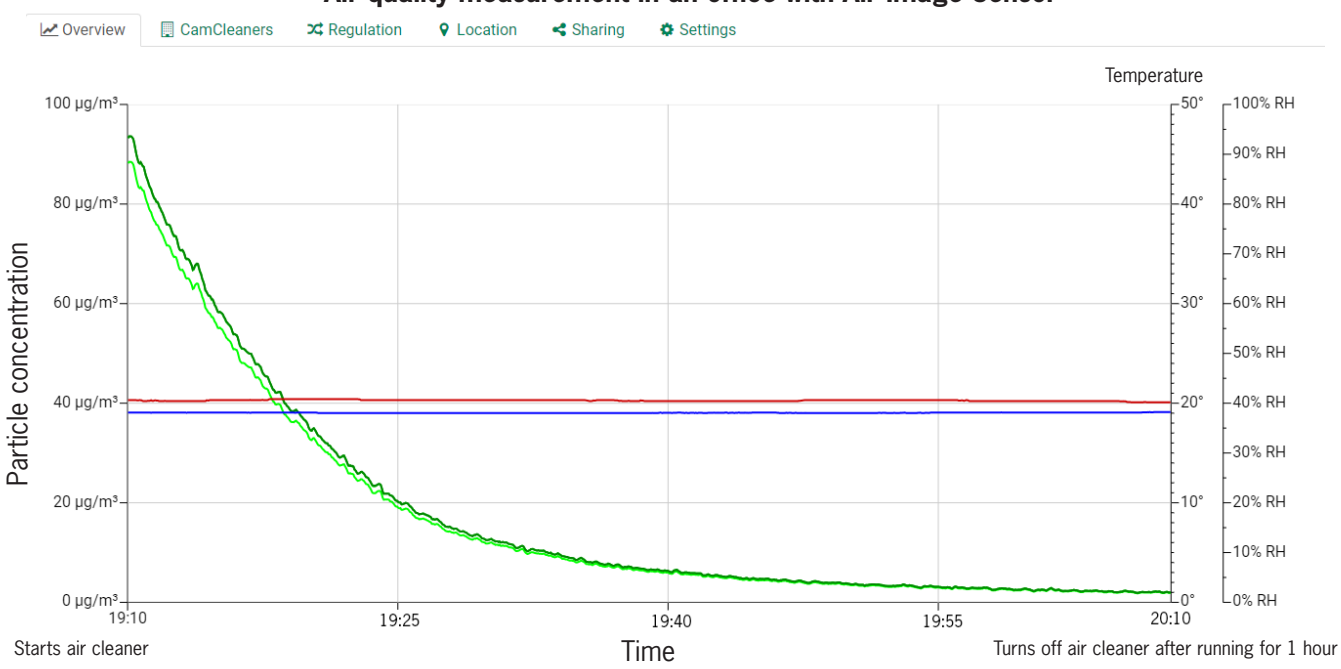
- Shows instant measured indoor air quality excellence
- Instant measurement against WHO recommended values
- Shows real-time outdoor air quality value
- Easy to understand visuals
- Customisable with own logo branding
- Unique television screen display interface
- Display is easily accessible for monitoring on other devices such as mobile phones and computers

Air Image Sensor

Air Quality Sensors

Controlling & Reporting

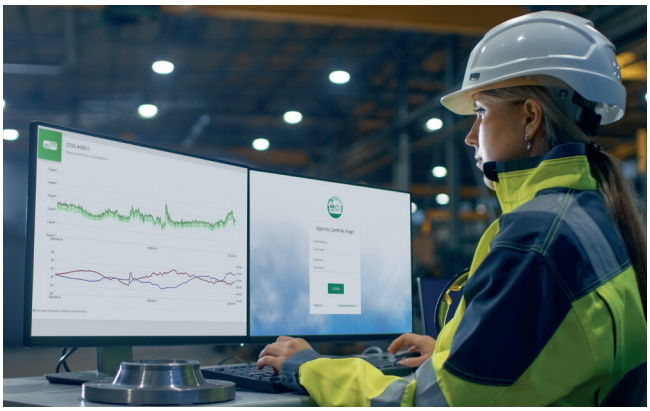
Air quality measurement in an office with Air Image Sensor



This is the Air Image Sensor user interface designed for the dedicated user in a company or organisation assigned to manage and control their indoor air quality - usually the maintenance personnel.

It allows them to view several sensors within the premises as well as buildings located elsewhere as seen on the map.

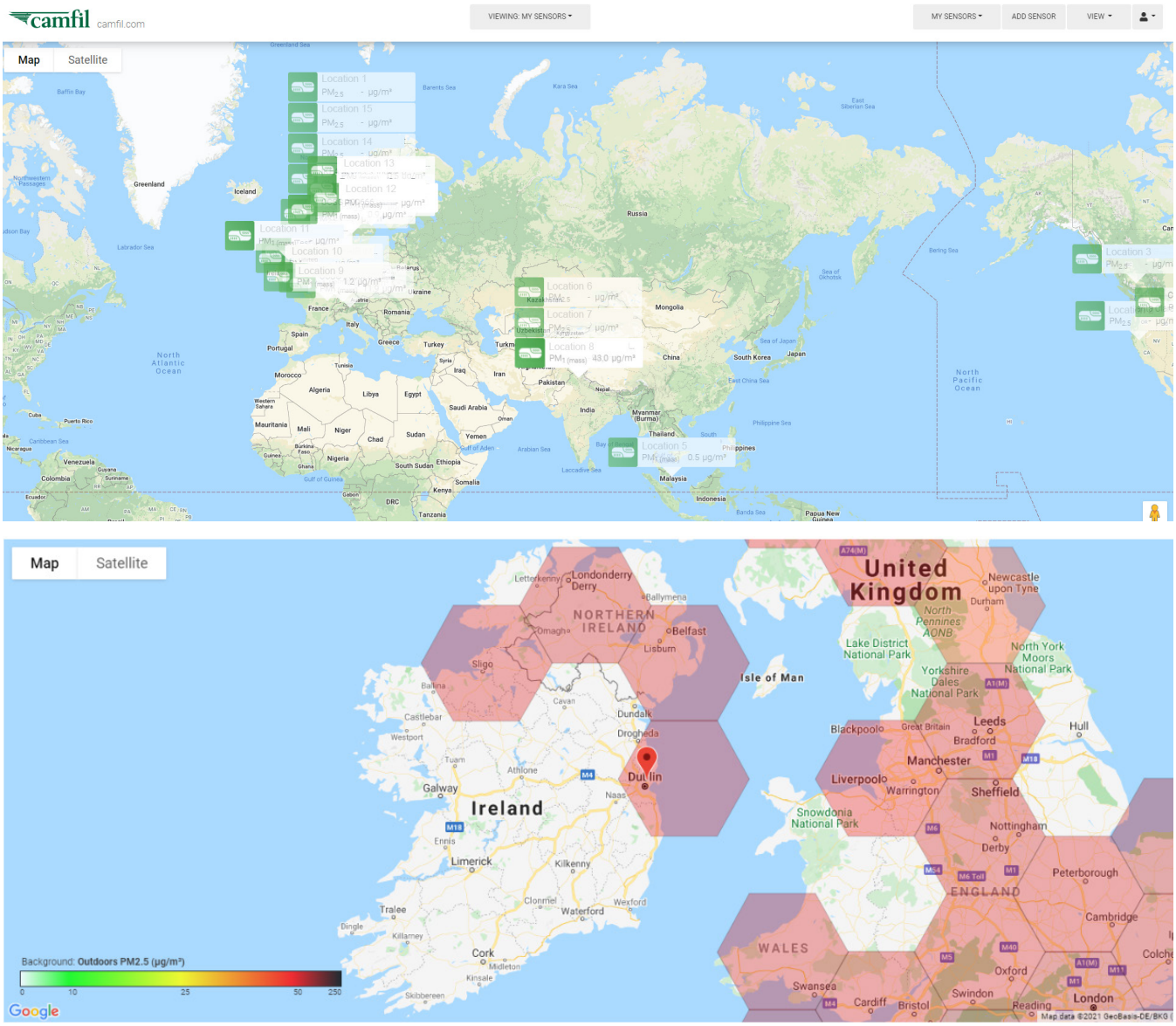
- It allows the user to view historical data for up to one year
- Alarms if measured data is not sent
- Allows export to excel if an analysis needs to be done for a specific time period
- User can obtain time reports
- Allows setting of desired IAQ values to achieve
- Automatically regulates connected Camfil air purifiers



Air Image Sensors are used in logistics centres, offices, schools etc.

Map shows sensors for one company with facilities in different locations

Air Quality Community



Top: Air quality map of locations with Air Image Sensor
Bottom: Outdoor air quality measurement in various locations, with colour indicators measuring level of PM2.5

The Air Image Sensor user interface comes with an air quality map that provides users with the perfect overview of individual or multiple sensors anywhere in the world with a few simple clicks.

With this, a user can get an overview of the air quality values for a group of facilities they own or manage, for example gyms, schools, restaurants, or cafes.

It comes with a view of the outdoor air quality measurements at the sensor's location as well, just by simply changing the selected view.

Fellow users can view and share their measured values of indoor air quality with other users through this world map. Thus creating an air quality community.

This creates a community of users who views air quality as a right wherever they are.

Air Image Sensor

Air Quality Sensors

Air Quality & Energy Control

Air Image Sensor comes with a connectivity that is designed for the dedicated professional user usually assigned to monitor air quality in a company. For example, the maintenance personnel.

This connectivity to more than one air purifier and air cleaner at the same time allows the user to simultaneously control the indoor environment air quality in different locations. It even helps the user monitor efficient usage of air purifiers, and thereby, saving energy.

The connectivity includes:

- Alarms if air purifiers are not running
- Alarms when filter change is needed
- Saves energy by using the air purifiers only when it is needed
- Easy maintenance
- Alarms if measured data is not sent
- One unit of Air Image Sensor can be connected up to seven air cleaners

Technical Information

Article Number: 94000091
Dimension (WxHxD): 144 x 64 x 61mm
Connection: Mobile network

For more details, please click on Air Image Sensor. This link will take you to the product page on our website.